

# *Brasco*

**COPPER  
STORE  
FRONTS**

**Series 202 Construction**

Catalog No. 34



Series 500 All-Copper and All-Bronze Construction is shown in Catalog No. 33



# FOREWORD

THE pages which follow are intended to illustrate comprehensively the most important and commonly used items which go to make up BRASCO "Series 202" copper store front construction. The patented principles of design have highly pleased architects, owners and contractors everywhere.

It is a fact that BRASCO constructions have attained a definite reputation for maximum glass safety, extreme durability, handsomeness of design and ease of installation, as a direct result of the principles upon which they are based, and the quality of the materials used in their manufacture.

Insurance companies, recognizing the important points of *glass safety* and *durability* embodied in BRASCO approve it universally, and recommend its use, frequently purchasing it for their own properties, and for the properties which they hold covered.

A complete and well-informed service department is maintained for your convenience. Experts will gladly give suggestions and any information you may desire. No obligation whatever, and prompt attention always.

Full-sized details of construction, and actual samples promptly sent on request.

*Brasco Is Furnished In All Known Finishes.*

## BRASCO MANUFACTURING COMPANY

FACTORY AND GENERAL OFFICES

5025-5055 Wabash Avenue

CHICAGO

EASTERN OFFICE AND WAREHOUSE, 28-14 WILBUR AVENUE, LONG ISLAND CITY

DISTRIBUTORS THROUGHOUT U. S., CANADA AND  
FOREIGN COUNTRIES



### PATENTS

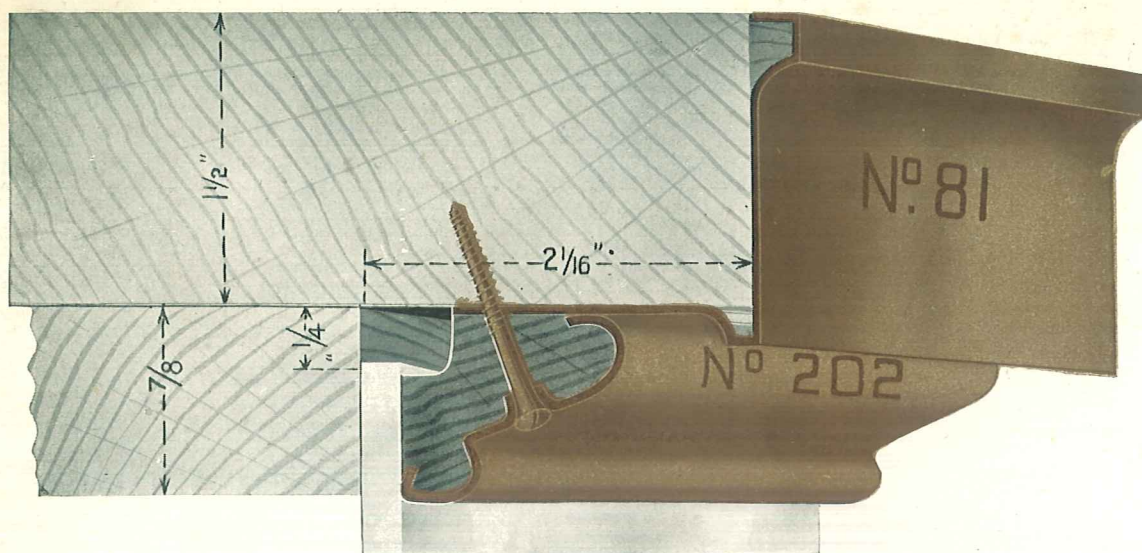
Only a few of the many advantages of the Brasco Metal Store Front Systems are shown in this book. All of them are fully protected by patents in U. S. and foreign countries. Patent No. 1363413, covering process of preserving the wood in connection with metal covered construction.

Other patents, Nos. 49144, 49145, 49146 and 1278343, Canadian Brasco patent No. 196916.

Other patents issued and pending.

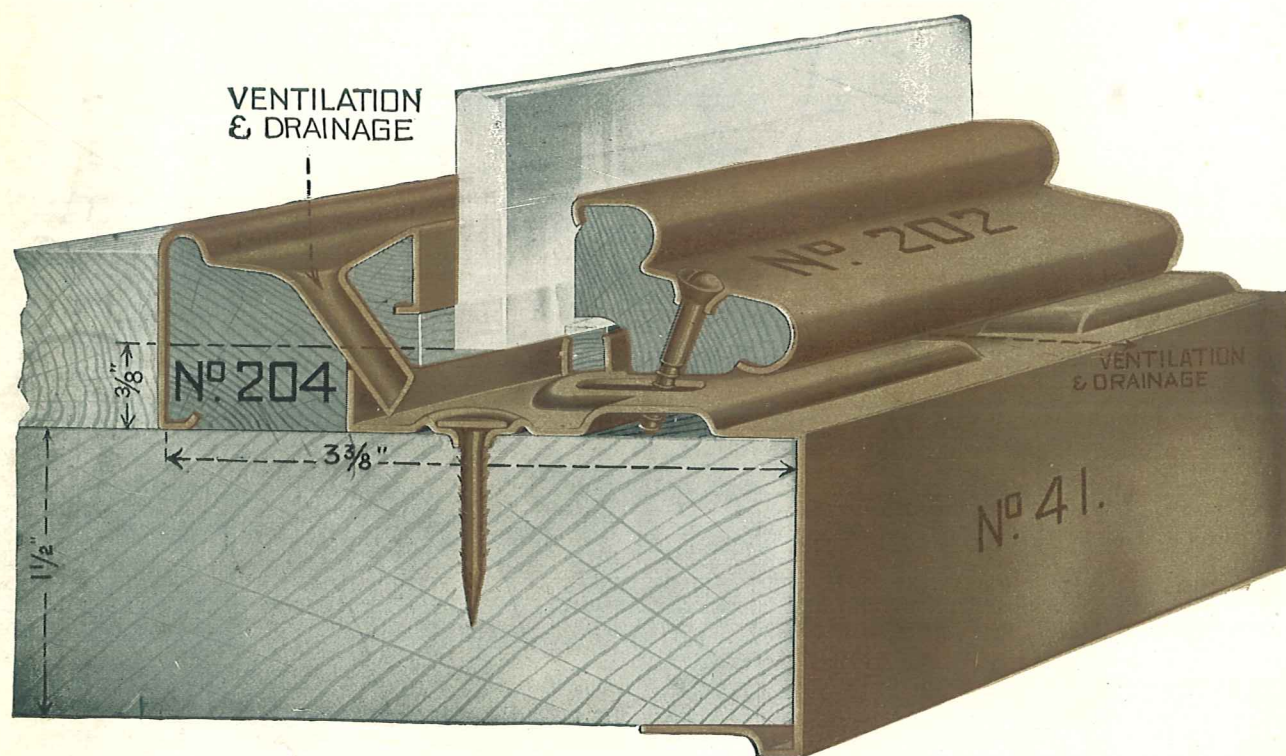


## HEAD JAMB AND SILL CONSTRUCTION



**Brasco Head Jamb Construction**

Note the strength and the simplicity of the setting, and the standard sizes of mill work the Brasco members fit. Head jamb sash can be provided with ventilation as shown on page 3. Coverings are made to fit either 1½-in. or 7⁄8-in. lumber.

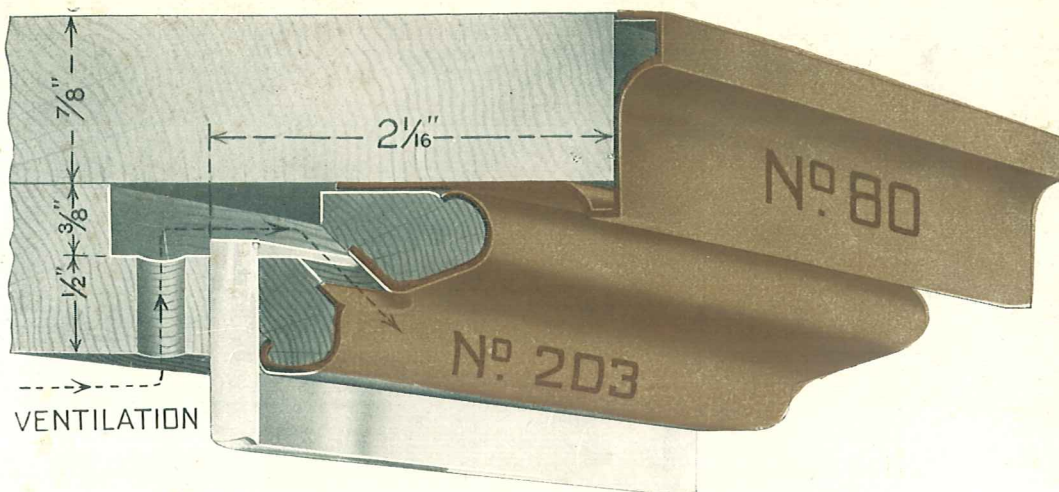


**Brasco Sill Construction**

The wide gutter, the generous drainage and ventilation facilities, the sturdy yet pleasing setting and the perfect sill protection are distinctive Brasco features. Every screw hole and every nail hole is shielded from the weather. All horizontal members are provided with drips for shedding water.

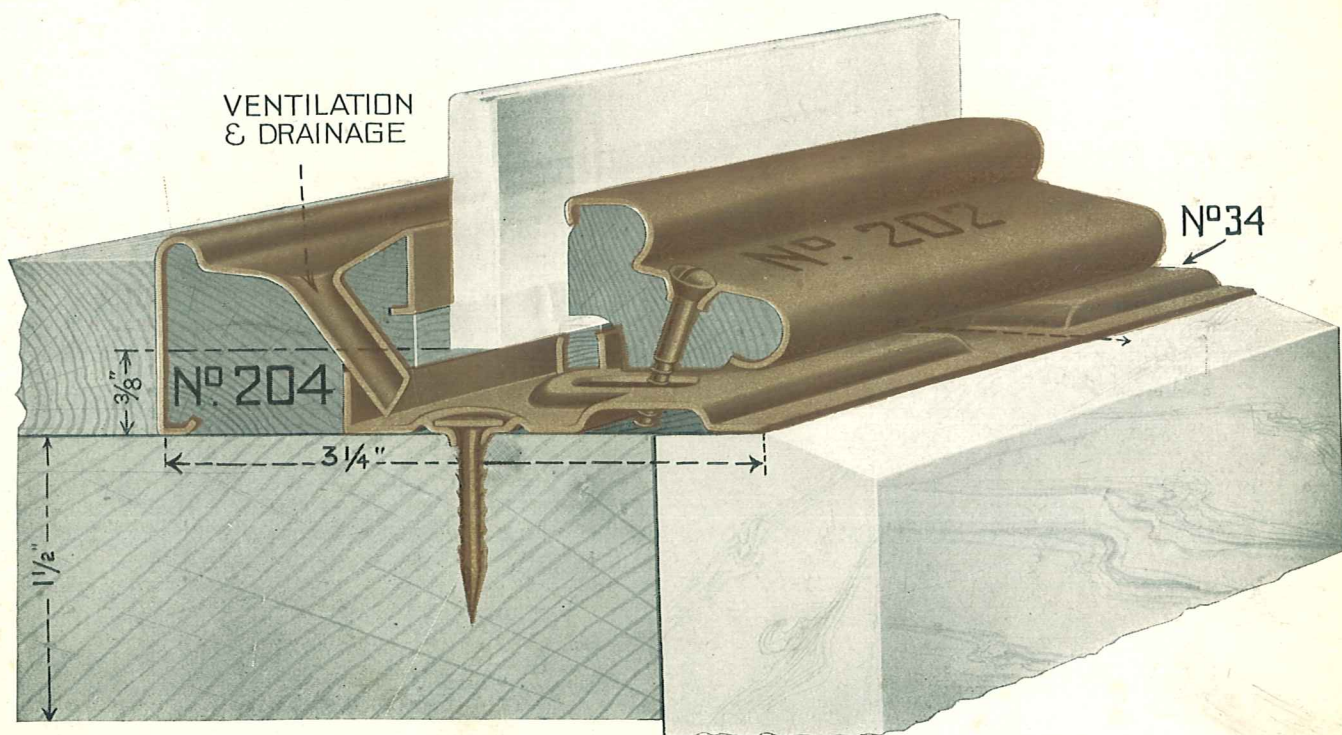


## HEAD JAMB AND SILL CONSTRUCTION



### Brasco Head Jamb Construction

Head jamb can be furnished with or without ventilation. When ventilation is required the carpenter should rebate the backstop and drill 5/16-inch holes as shown in cut, 6 inches on centers.

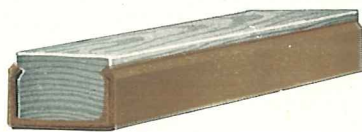
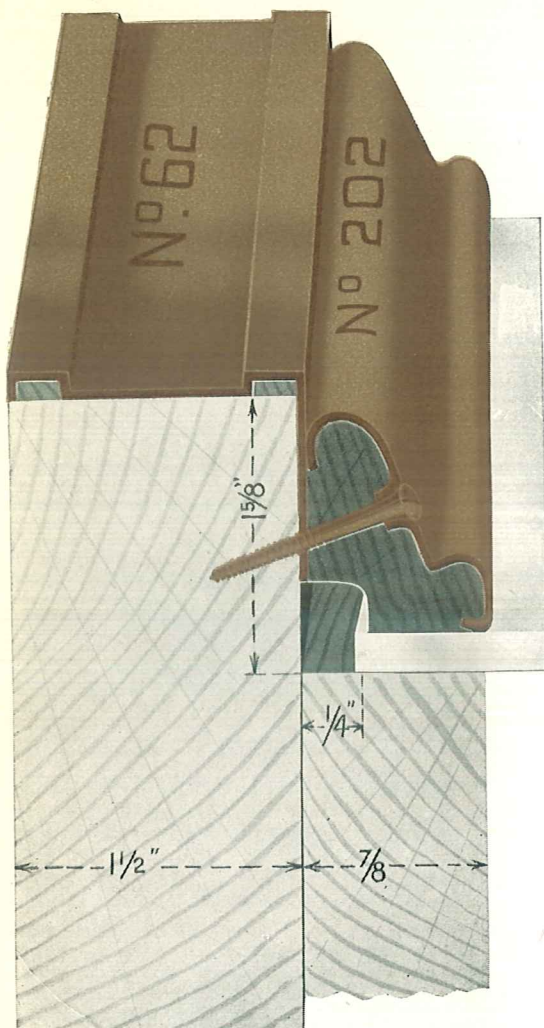


### Brasco Sill Construction

Showing Brasco construction at base as used without sill member.

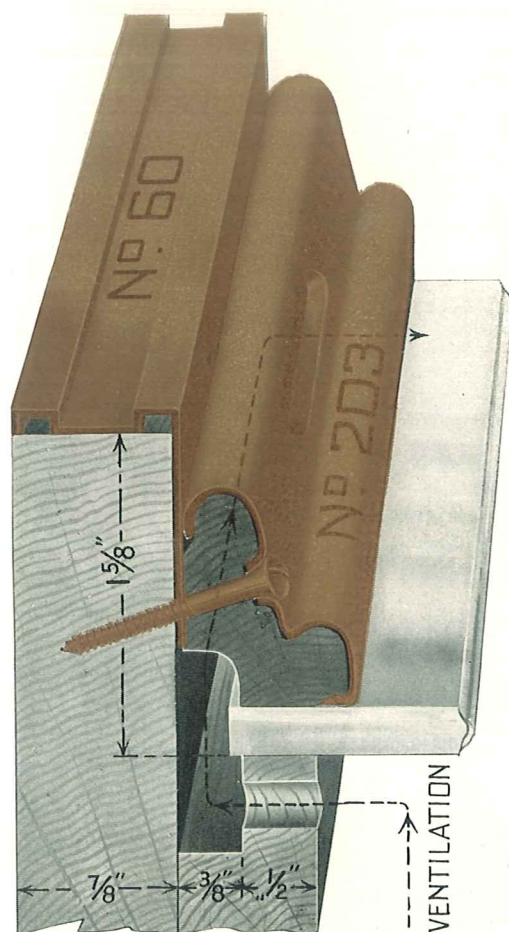


## SIDE JAMB CONSTRUCTION AND SETTING BLOCK



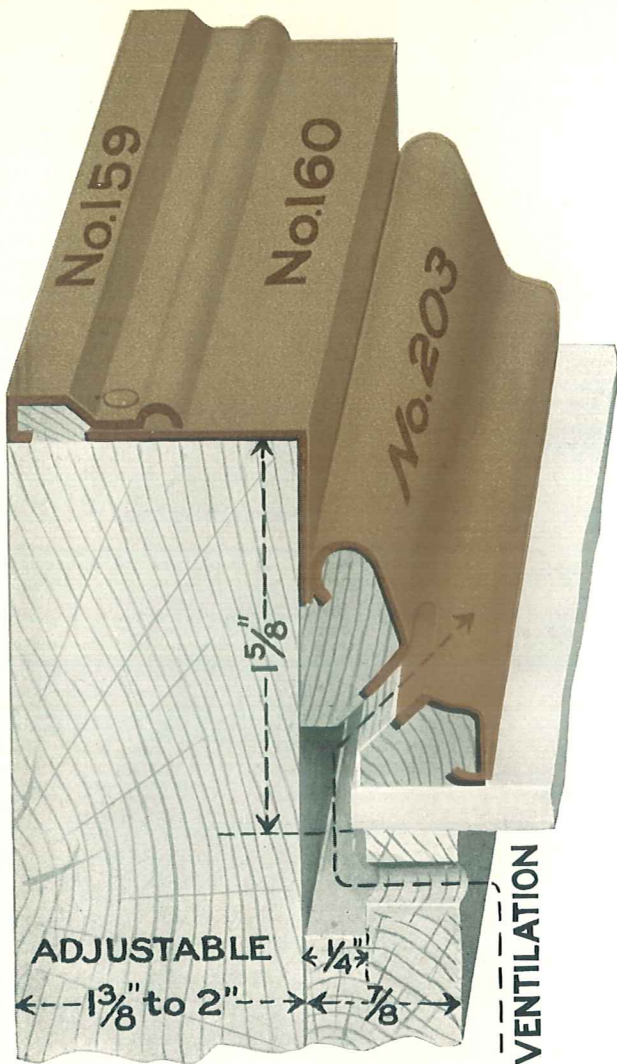
A hickory setting block noted for its tough, resilient character, given additional strength and endurance by our creosoting treatment and copper covering.

Attractively paneled  $\frac{7}{8}$ -inch or  $1\frac{1}{2}$ -inch side jamb coverings. Construction at this point may be provided with ventilation as illustrated below, by employing No. 203 sash.



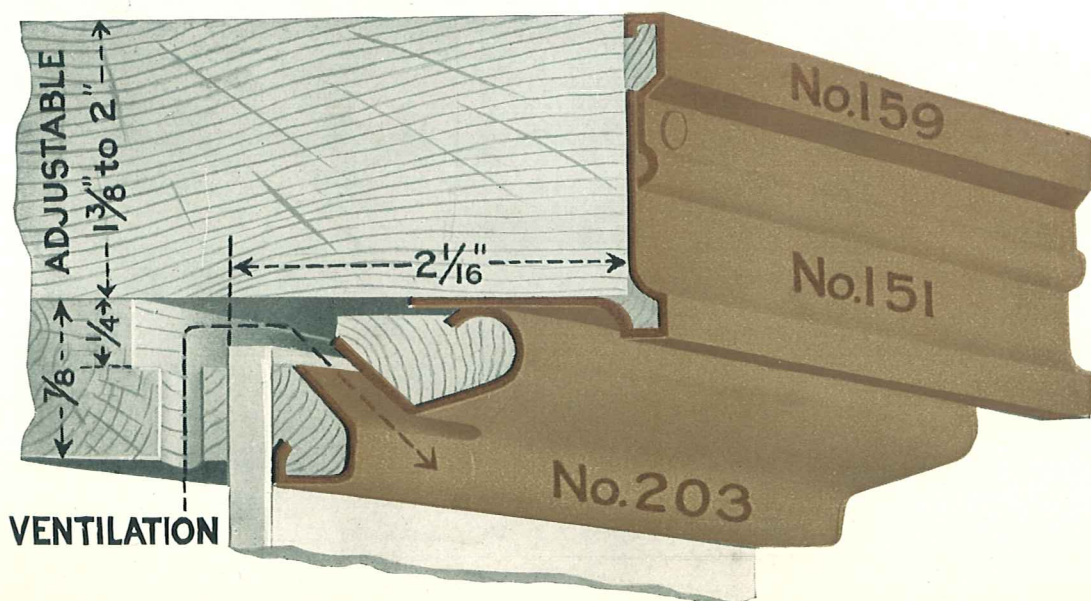


## ADJUSTABLE JAMB COVERINGS



Side  
Jamb

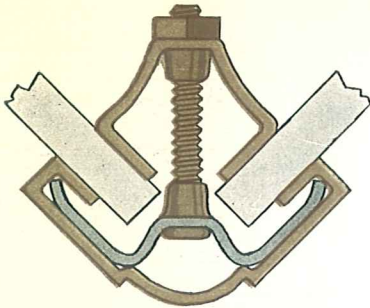
These Adjustable Side Jamb and Head Jamb coverings allow for variations in thickness of wood jambs. Adjustable from  $1\frac{3}{8}$  inches to 2 inches, maximum outside width.



Head  
Jamb



## CORNER BARS AND REVERSE BARS



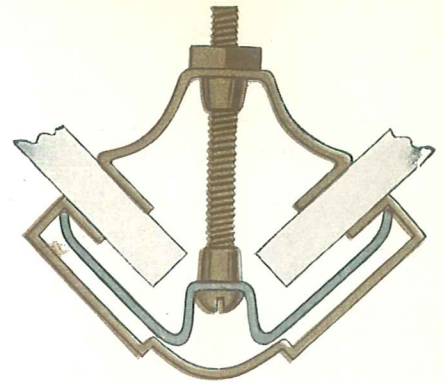
**Corner Bar No. 6**

This is a solid copper bar with continuous steel reinforcement, being identical in size to No. 10, but having flat surfaces and sharp corners, similar to No. 7 corner bar.



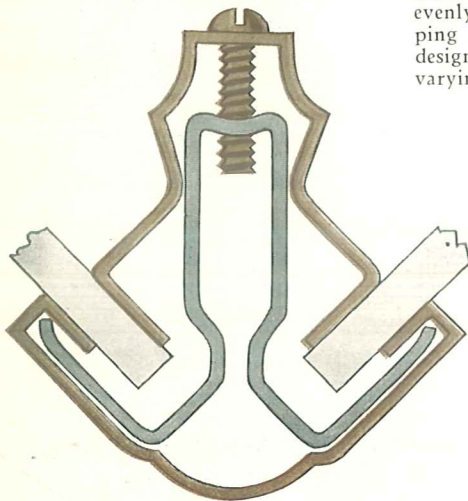
**Corner Bar No. 10**

A solid copper product with a continuous steel reinforcement. Indirect pressure is evenly distributed along the glass, gripping it well back of the edge. The bar is designed to easily adjust itself to the varying thicknesses of glass.



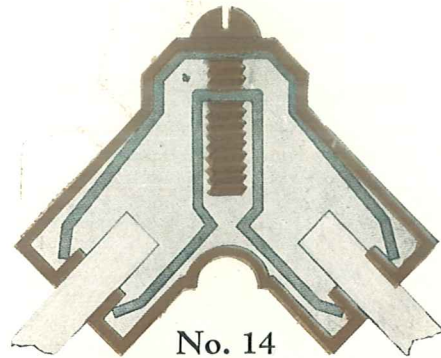
**Corner Bar No. 7**

Medium-weight, indirect screw pressure, full steel reinforced. A carefully tested product, handsome in appearance, correct mechanically.



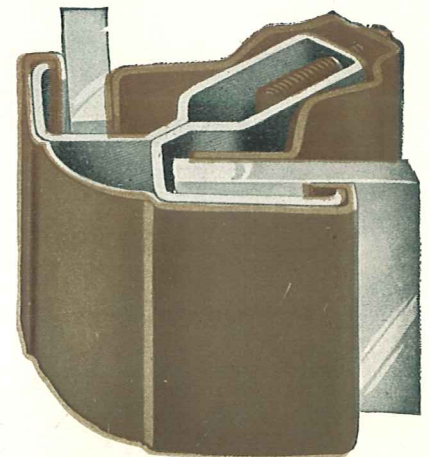
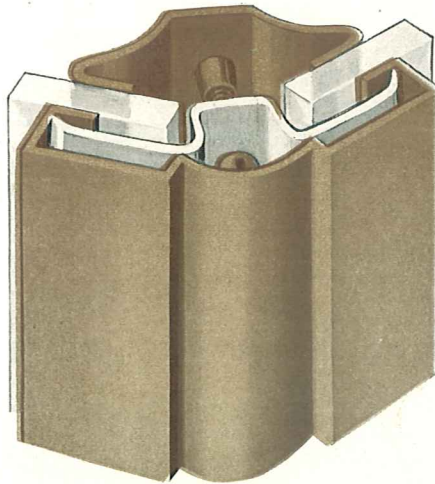
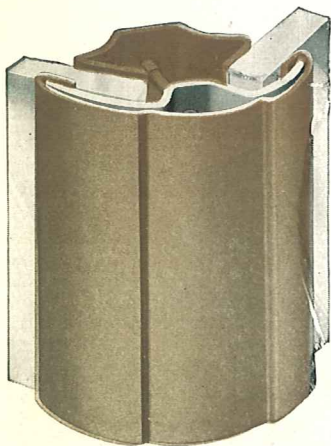
**Corner Bar No. 8**

Designed to hold the largest plates of glass firmly without danger of breakage. The steel reinforcement is designed to take care of both direct and reacting stresses.



**Reverse Angle Corner Bar No. 14**

A strong, handsome, well designed bar doubly steel reinforced, capable of holding glass of any size. Can be furnished to fit any angle.

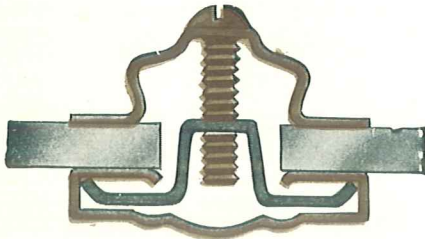


These bars are made adaptable to the usual angles. Where an exceptionally wide angle occurs, special Bars will be made to suit the condition. Always give angles when ordering corner and reverse bars. All bars have continuous steel reinforcements for their full length. Clips are never used in any of our bars, as experience has conclusively demonstrated that continuous reinforcements are necessary to insure lasting glass safety and holding power. All bars can be furnished to fasten from the outside, if desired.

*Anchors are recommended for all bars holding plate glass—top and bottom*

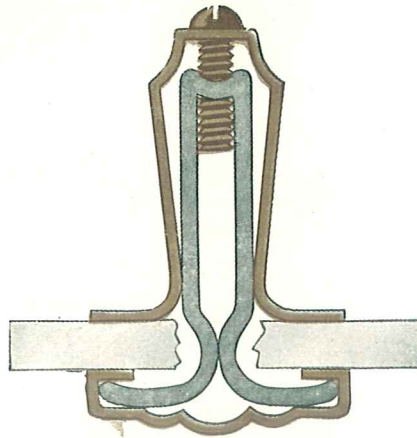


## DIVISION BARS AND THREE-WAY BARS



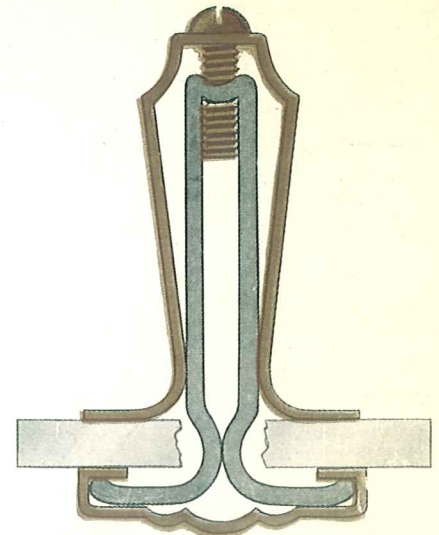
**Division Bar No. 15**

Steel-reinforced copper bar especially suited for transom lights and smaller plates.



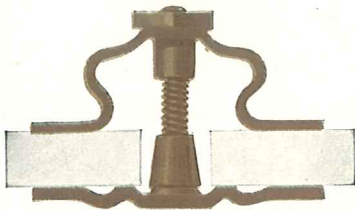
**Division Bar No. 18**

For medium height plates.



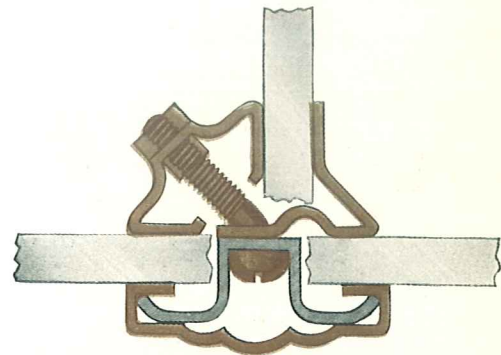
**Division Bar No. 19**

For largest height plates.



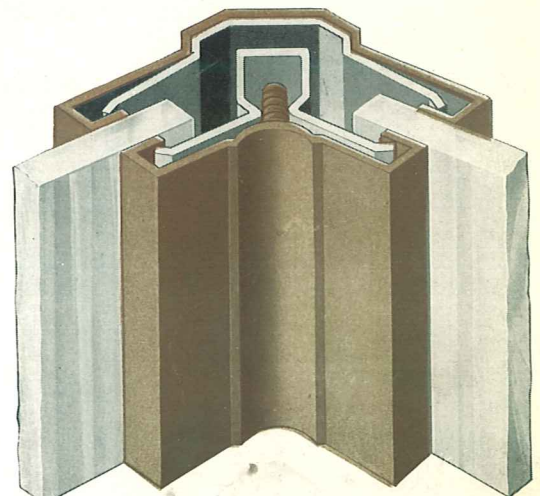
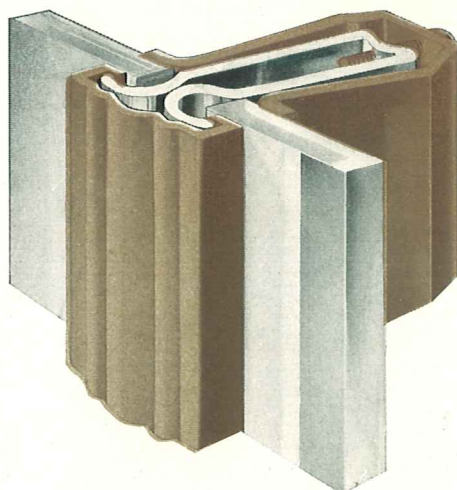
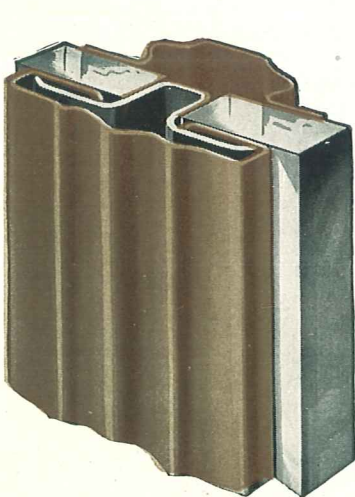
**Division Bar No. 16**

An inexpensive heavy gauged solid copper bar designed for transom lights.



**Three-Way Bar No. 22**

The Three-Way Bar No. 22 is designed to bind together transom glass extending directly across the front of the vestibule and a transom light that returns with the return plate to the door post.



All bars have continuous steel reinforcements for their full length. Clips are never used in any of our bars, as experience has conclusively demonstrated that continuous reinforcements are necessary to insure lasting glass safety and holding power.

*Anchors are recommended for all bars holding plate glass—top and bottom*





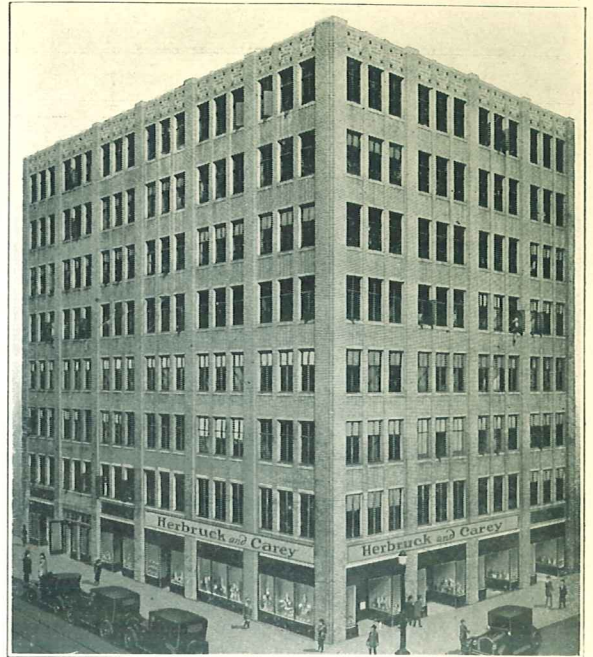
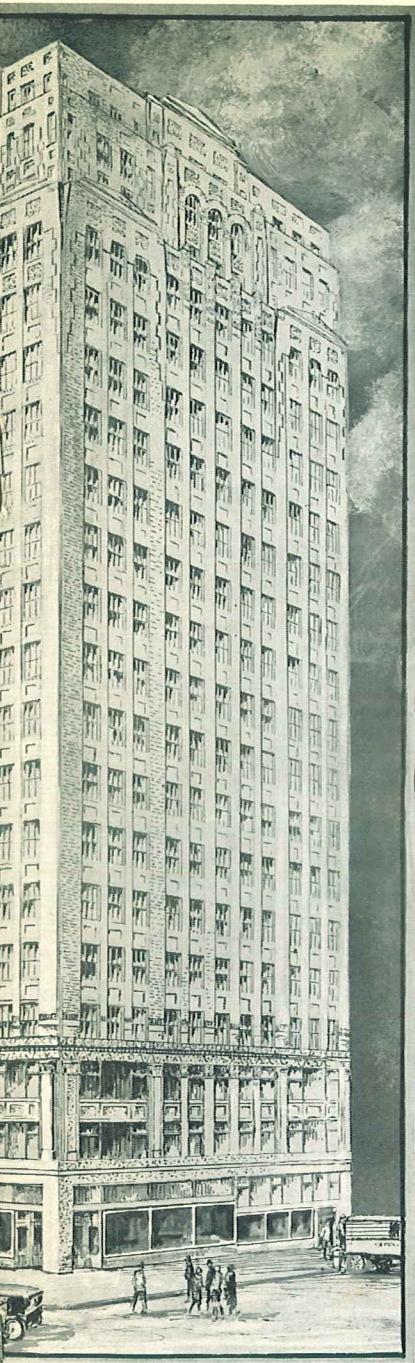
## ADAPTABILITY AND

These few varied illustrations of Brasco show the extreme adaptability to buildings of

Shop windows, whether for the individual modern hotels and office buildings, must be an impelling force to be successful.

Brasco is practical for every type and size. Its distinctiveness are available at surprising





## INDIVIDUALITY

o Copper and Bronze Store Fronts attest  
f every type.

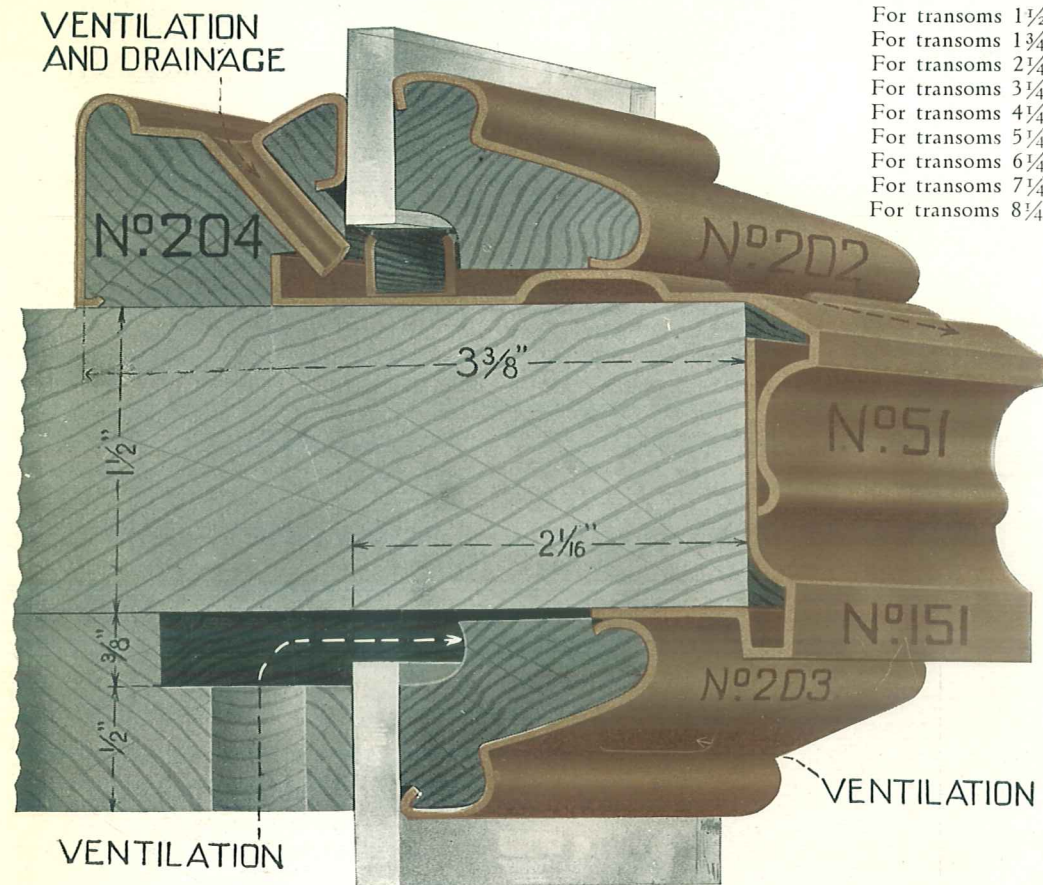
idual store or for the shops in the tall,  
t have individuality and a strong, trade-

ize of installation—and its beauty and  
gely moderate cost.



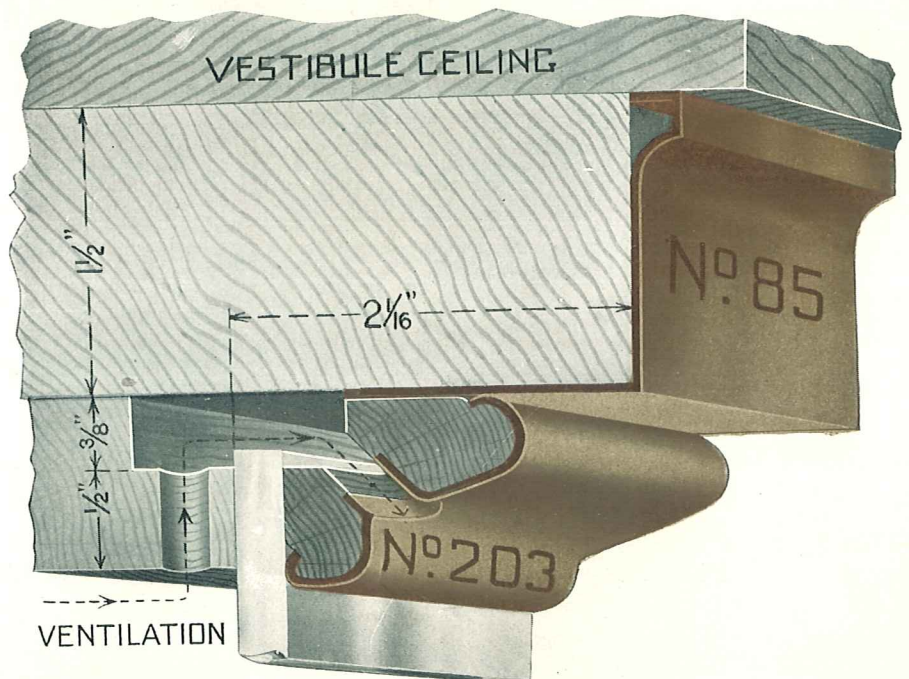
## TRANSOM BAR AND VESTIBULE HEAD JAMB

When wider transom bar coverings are desired, refer to this table for mouldings required for varying widths:



For transoms  $1\frac{1}{2}$  in. to  $1\frac{3}{4}$  in.—Use Nos. 51-151  
 For transoms  $1\frac{3}{4}$  in. to  $2\frac{1}{4}$  in.—Use Nos. 51-151A  
 For transoms  $2\frac{1}{4}$  in. to  $3\frac{1}{4}$  in.—Use Nos. 51-152  
 For transoms  $3\frac{1}{4}$  in. to  $4\frac{1}{4}$  in.—Use Nos. 51-153  
 For transoms  $4\frac{1}{4}$  in. to  $5\frac{1}{4}$  in.—Use Nos. 51-154  
 For transoms  $5\frac{1}{4}$  in. to  $6\frac{1}{4}$  in.—Use Nos. 51-155  
 For transoms  $6\frac{1}{4}$  in. to  $7\frac{1}{4}$  in.—Use Nos. 51-156  
 For transoms  $7\frac{1}{4}$  in. to  $8\frac{1}{4}$  in.—Use Nos. 51-157  
 For transoms  $8\frac{1}{4}$  in. to  $9\frac{1}{4}$  in.—Use Nos. 51-158

Brasco Transom  
Bar Construction

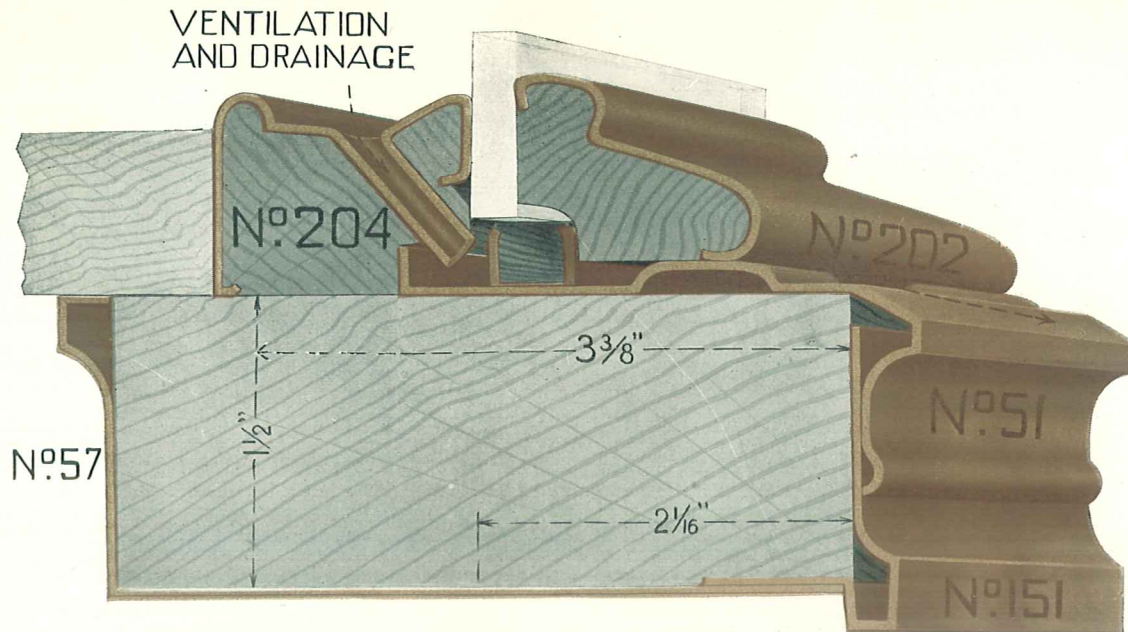


Brasco Vestibule Head  
Jamb Construction

Used where vestibule ceiling  
is framed at transom bar line.

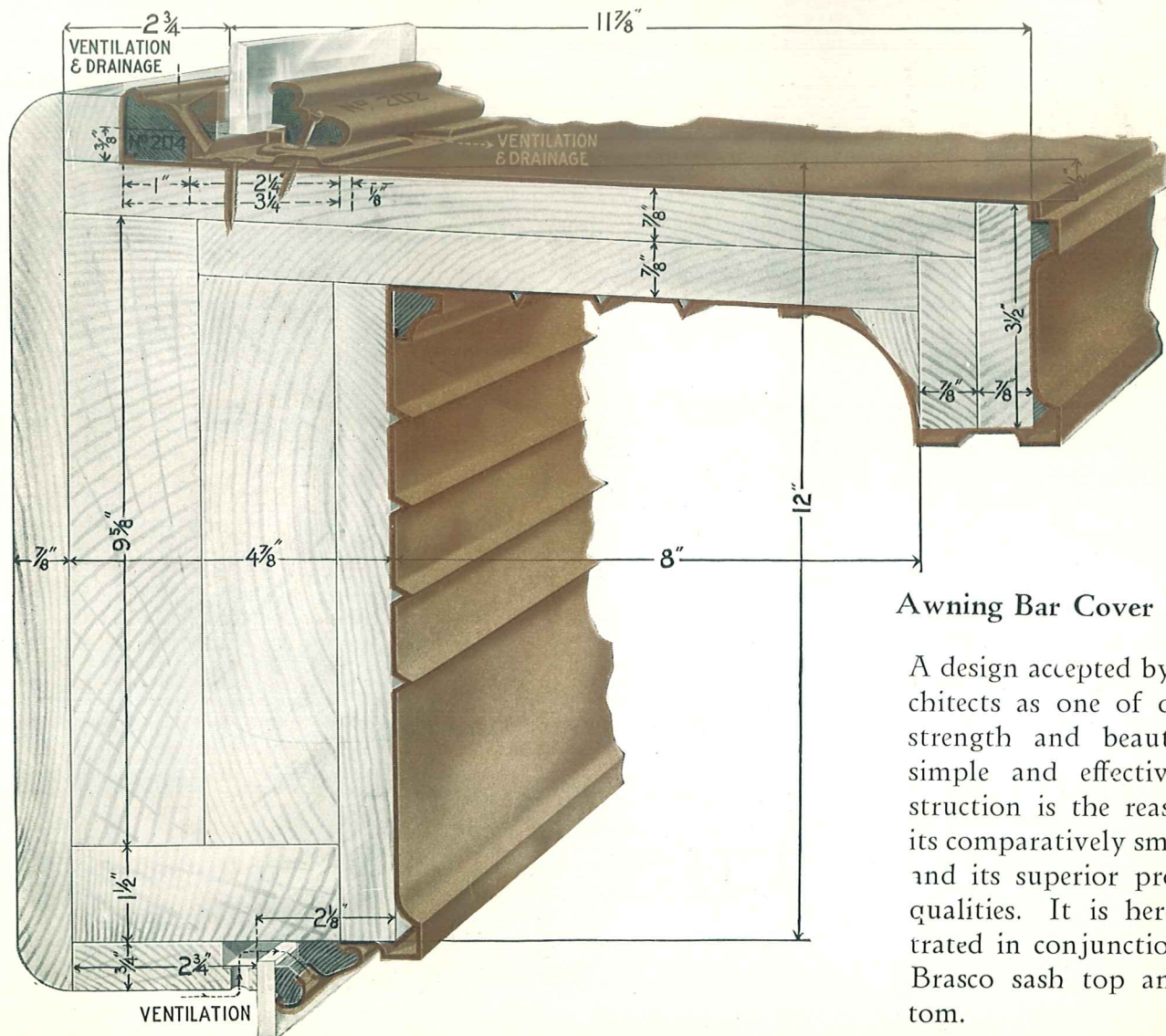


## AWNING BAR COVER AND SOFFIT COVER



**Brasco**  
Transom Bar  
Construction  
Over Vestibule

No. 57 soffit cover mitres perfectly with No. 85 head cover illustrated on page 10.



**Awning Bar Cover No. 101**

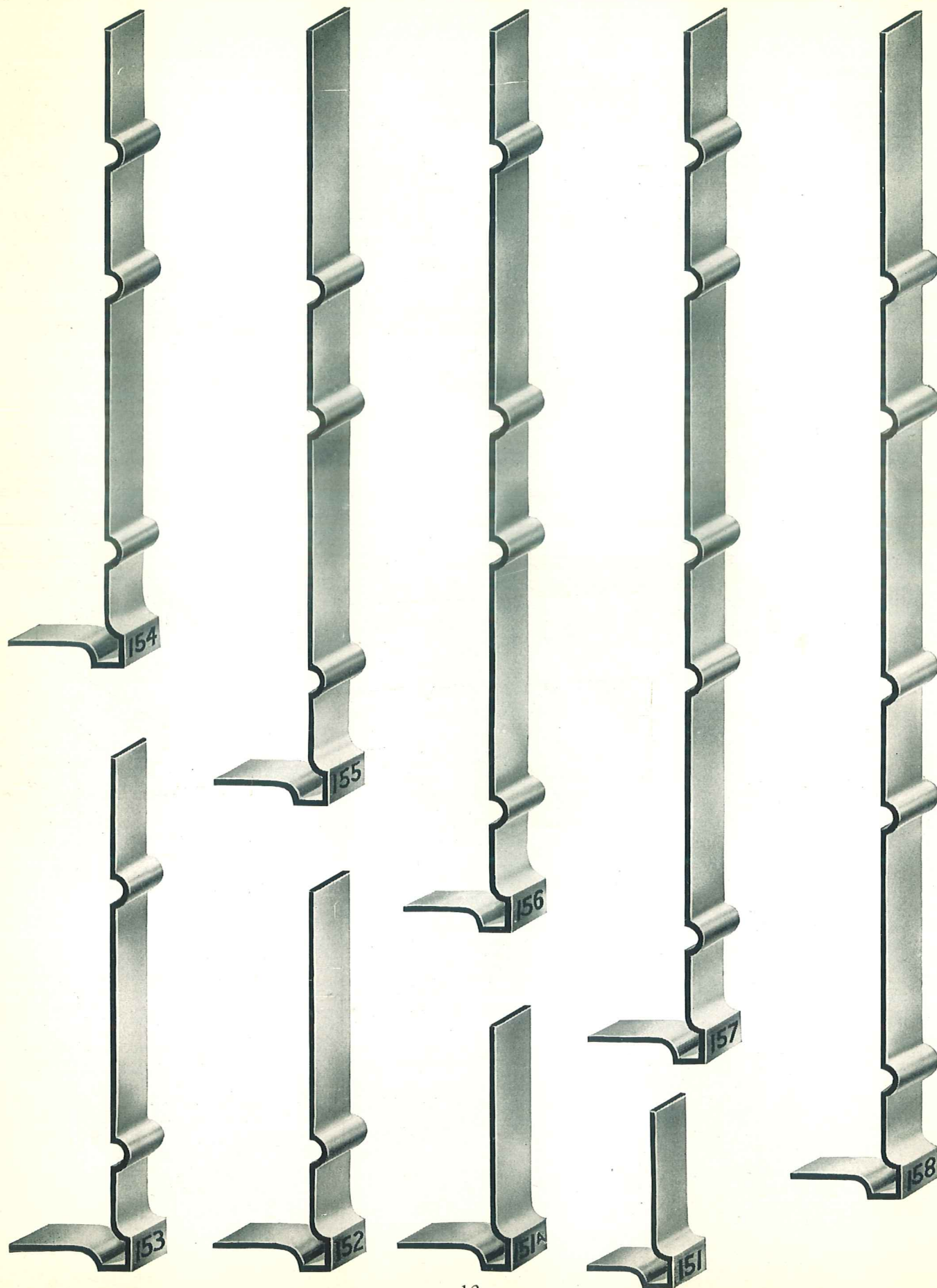
A design accepted by all architects as one of dignity, strength and beauty. Its simple and effective construction is the reason for its comparatively small cost and its superior protective qualities. It is here illustrated in conjunction with Brasco sash top and bottom.



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ADJUSTABLE TRANSOM BAR MOULDINGS

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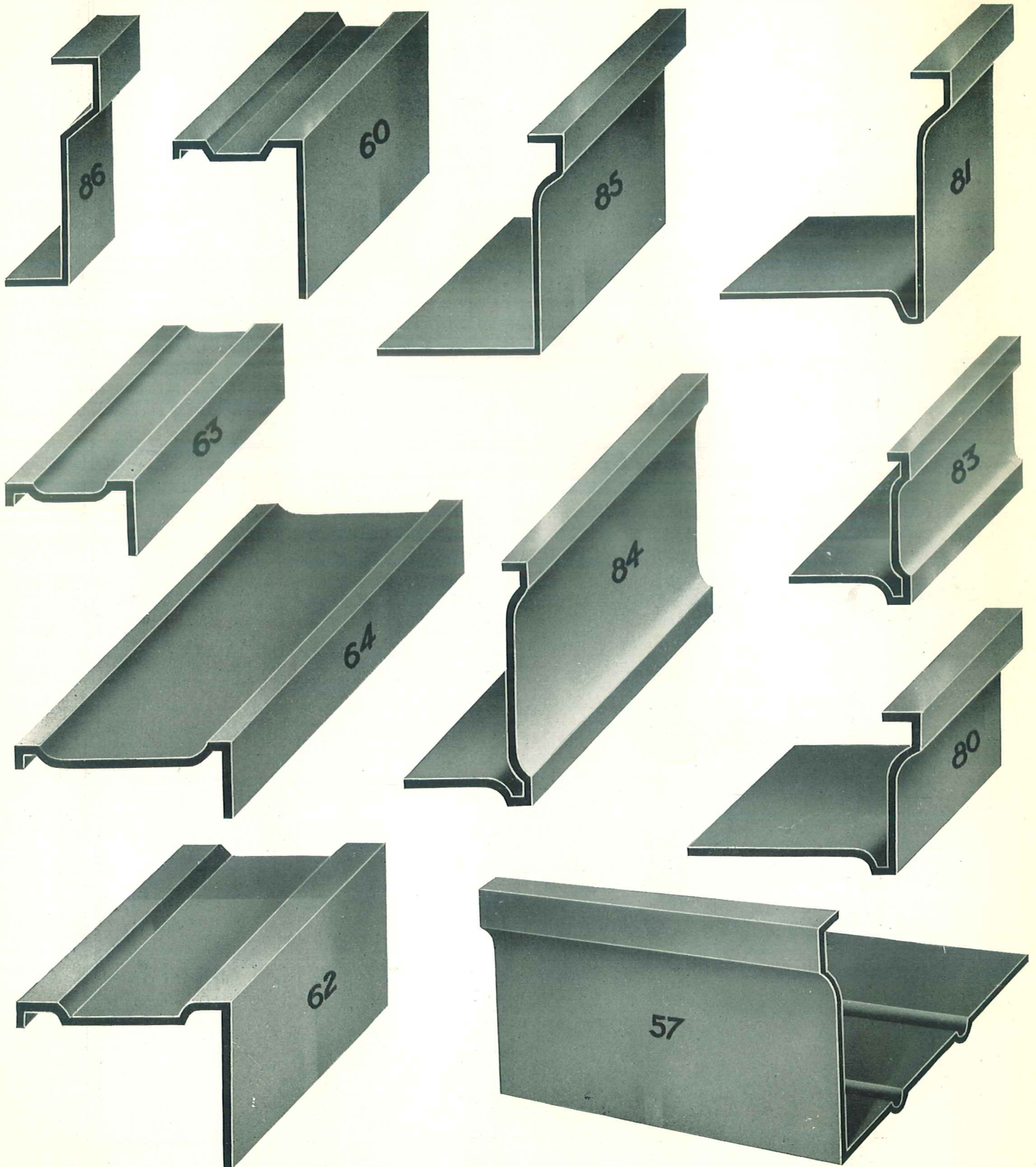




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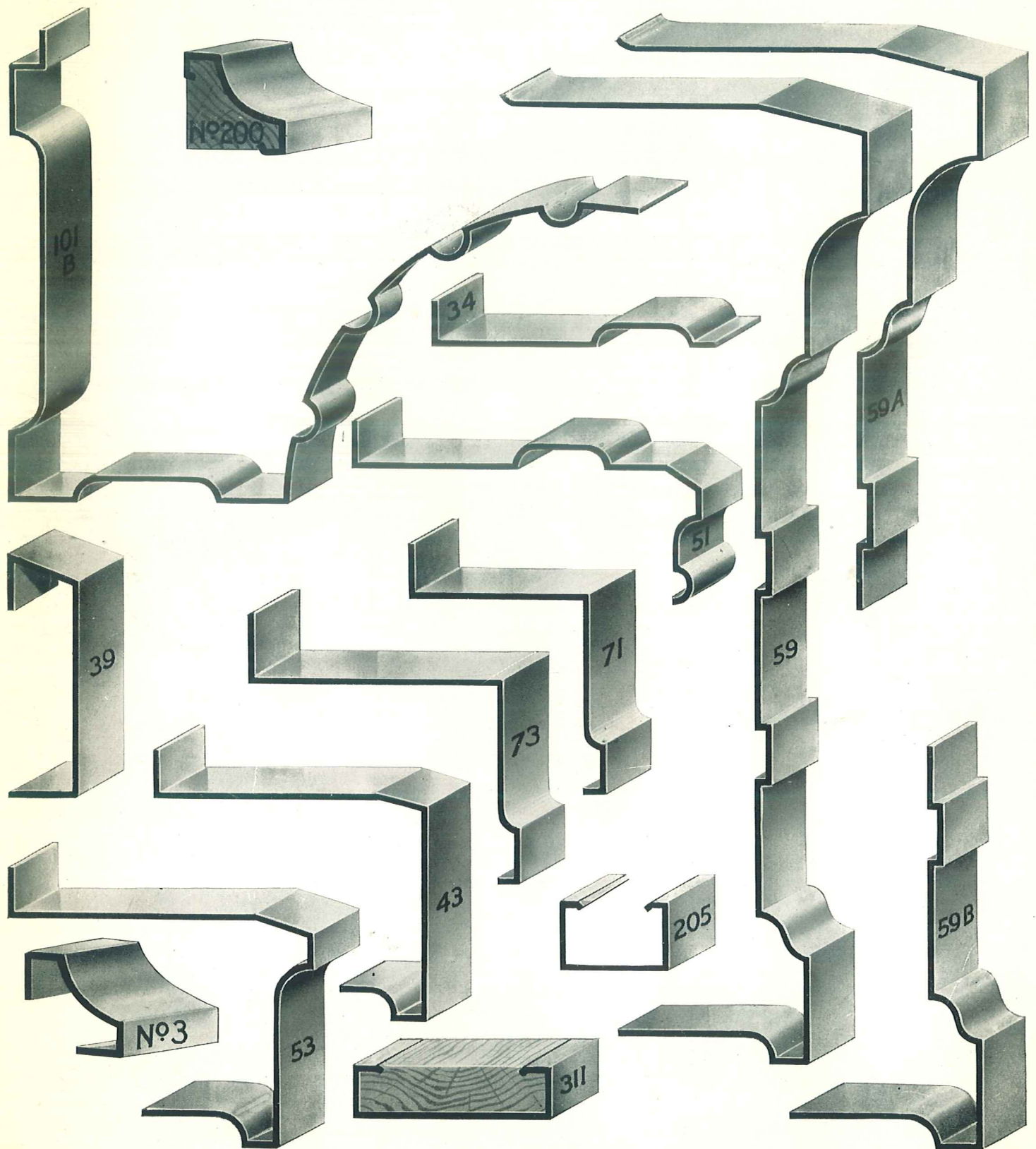
## HEAD AND SIDE JAMB MOULDINGS

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# STANDARD MOULDINGS





## ADVANTAGES OF BRASCO SERIES 202 CONSTRUCTION

### Copper Covered Creosoted Cypress Type

Utilizes the merit of the wood-setting, determined by every insurance company as being safest for glass, together with

The imperishable properties of cypress and creosote, and

The beautifying and protective qualities of copper.

Instead of an erratic glass grip or a hard tension grip, BRASCO employs the approved firm, supple and uniform hold.

Glass is set from outside and sash placed by the indirect screw pressure method.

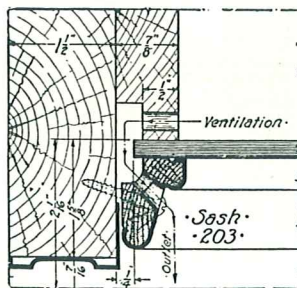
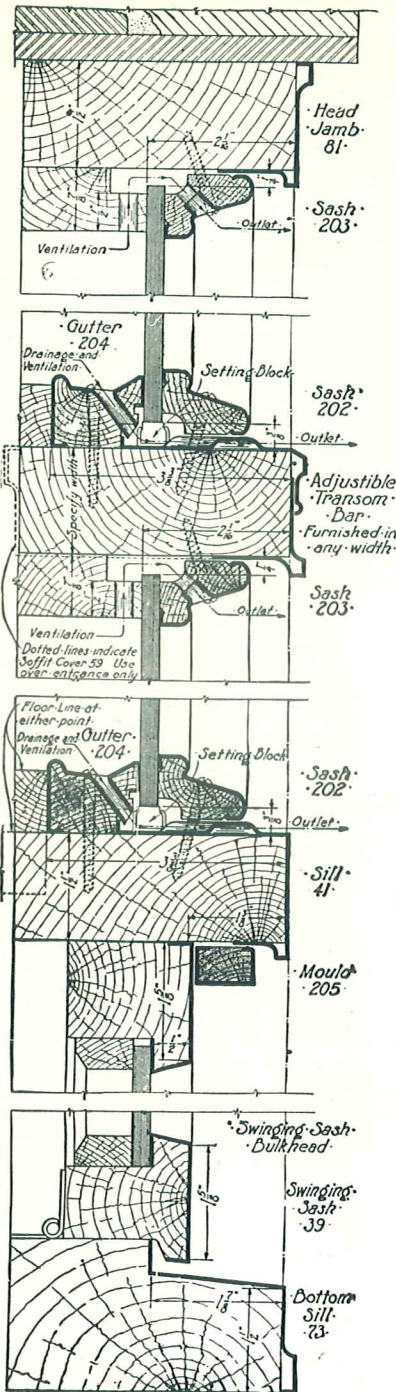
Has the widest drainage gutter of any store front system on the market. Affords more ventilation than any other metal front, therefore Insures clearer plates and more efficient display service.

Details show the sturdy, durable and beautifully designed mouldings used.

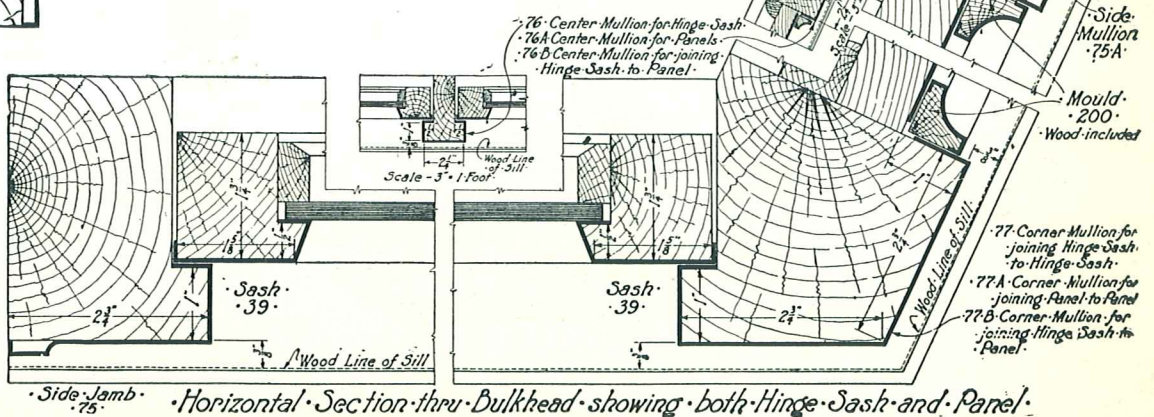
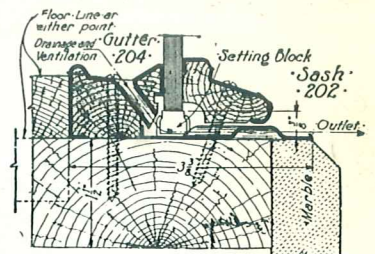
BRASCO jamb, transom, sill and sash members take standard sizes of lumber.

Before detailing or installing  
woodwork we suggest you procure  
our portfolio of full size  
details.

Brasco Sash as used at base  
without copper sill member.



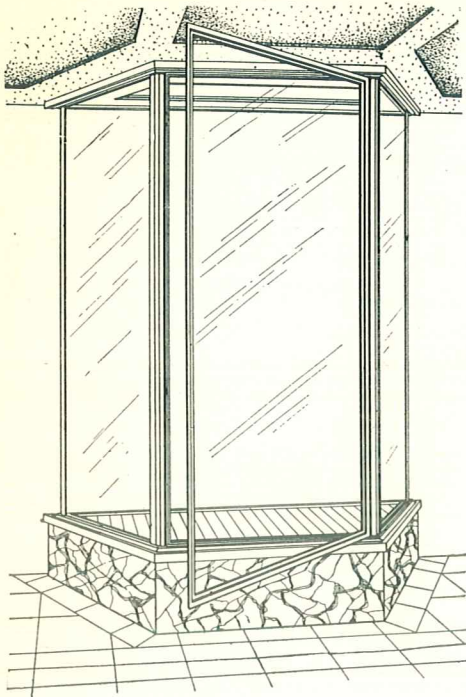
Side jamb section.



Scale:  
 $\frac{3}{8}$  inch = 1 inch.



## SHOWCASE DOORS, VENTILATOR SASH, THRESHOLDS



### SHOWCASE DOORS

We offer two types of practical and durable showcase doors—an all steel door, copper finish or copper covered, and a copper covered wood door.

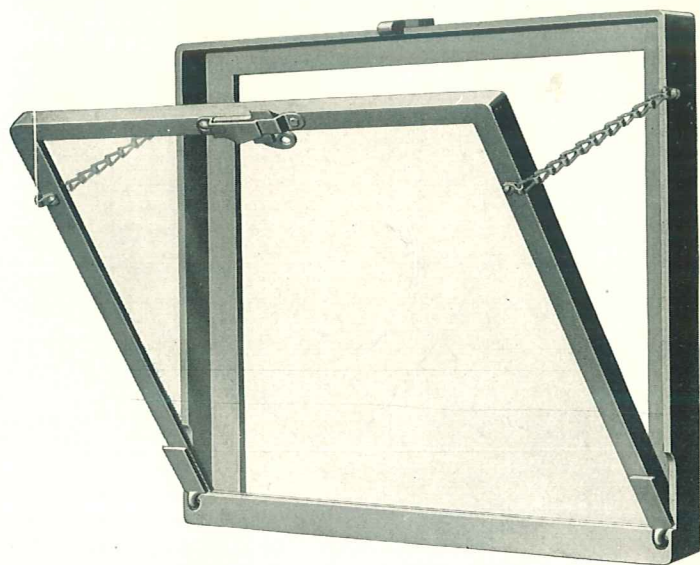
Both doors fasten easily into our sash—or directly to the building frame if desired. They can be furnished in any known finish.

When ordering please give exact over all sizes not including fastening rib, advise what finish is desired and whether door is to be hinged at the right or left side.

### METAL VENTILATOR SASH

The illustration shows only one of the three types of ventilators we offer. They are simple, yet strong in construction, and are held in place by our sash or can be set directly against the building frame.

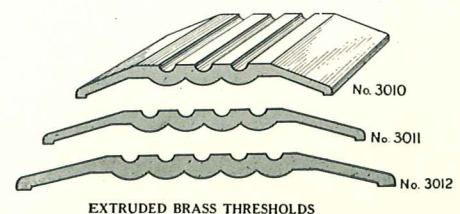
They can be furnished with a sliding screen if desired, and in hinged or pivoted types, with either horizontal or vertical pivot. They are furnished in sprayed finish or completely copper covered if desired.



### BRASS THRESHOLDS, KICK PLATES, DOOR GUARDS



We offer a complete line of extruded brass thresholds in both plain and corrugated finishes; kick plates in brass or bronze, with or without ornamental borders; door guards of several attractive designs; push and pull plates; special railings and many other brass items. All are fully described in our special Brass goods circular.





# Instructions for Ordering

## Stock Lengths

All copper mouldings 21'0".

Wood copper covered sash and mouldings in lumber, lengths from 12'0" to 20'0".

Corner, division and reverse bars 21'0".

Awning transom bar moulding No. 101B, 21'0".

Awning bar mouldings No. 101A, 101C and 101D, 10'0".

## Mitre Caps for Sash

Care should be taken in specifying kind of caps wanted. Mitre cap to cover sash at corner bar is named "C" cap, at reverse bar "R" cap and the vertical cap covering sash at jambs or doors, "S" cap.

Degree of angle should be stated when ordering "C" or "R" caps.

## Finishes

Any known finish may be applied to all Brasco construction. Polished copper is recommended. If cleansed with soap and water when glass is washed, a beautiful statuary bronze color is naturally acquired.

## Shipping Directions

All orders should state whether order is to be shipped by express or freight or forwarding company. Unless such directions are given, orders will be shipped by freight.

## Corner and Reverse Bar

Unless angle is specified on order for corner or reverse bars, 90 degree angle bars will be shipped.

## Cut to Size Orders

Whether customer's order is itemized or not, it is advisable to attach sketch of floor plan and elevation to aid in checking pieces required. Given sizes on such sketch should be designated as sizes of wood work or glass sizes. It is impossible to furnish too much information.



